

Calculation of the relative assistance from a Vehicle Tax:

Vehicles in Allegheny County

http://www.city-data.com/county/Allegheny_County-PA.html

Number of Vehicles per Unit (Residence or Apartment)	Number of Units		Total Number of Vehicles by Unit	Revenue per Year
	Renter Occupied	Owner Occupied Residences, condos, etc.		
0	58,476	28,803	0	
1	84,353	127,543	211,896	
2	29,148	154,879	368,054	
3	3,797	38,562	127,077	
4	675	7,633	33,232	
5	680	2,601	16,405	
Total in County	177,129	360,021	756,664 @ \$250tax	\$189,166,000 (probably a low estimate of all vehicle registrations: corporate, rental, bus, truck, etc)
				vs
				\$442,200,000
				% = 43%

Calculation of an Impervious Area Tax that has the same \$ per gallon as a home:

Typical Parking Space at \$200 per year:

10 x 20 feet plus 1/2 of 24 foot aisle = 320 total square feet
 @ \$200 per parking space = \$200/320 = \$0.635 per square foot

= **\$635 dollars per year per 1000 square feet if Parking Space charged at \$250 dollars per year.**

Billing based on rainfall gallons and equivalent home owner per gallon:

37 inches of annual rainfall @1000 square feet) x 7.42 gallons a cubic foot =
 Cost to Home Owner per gallon = \$1340 per year in 2027 divided by 52,000 gallons of use =

22,878 gallons a year of rainfall
 x **\$0.02577** (dollars sewer bill per residential gallon of water discharged to sewer)
 = **\$589.56 dollars per year per 1,000 square feet of impervious area if paid for at the same rate (per gallon) charged a homeowner**